Effective October 1, 2003 **CLAIMS AS FILED - PART I** SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [SMALL ENTITY OR **TOTAL CLAIMS** U7 RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 385.00 BASIC FEE 770.00 OR TOTAL CHARGEABLE CLAIMS 7 minus 20= X\$ 9= XS18≈ OR 486 INDEPENDENT CLAIMS minus 3 + 3 X43= X86= OR 1118 MULTIPLE DEPENDENT CLAIM PRESENT +145= 0 OR +290= * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL 1.37V **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) SMALL ENTITY OR SMALL ENTITY (Column 2) (Cotumn 3) CLAIMS HIGHEST 013400 ADDI-ADDI-REMAINING NUMBER PRESENT ENT AFTER RATE TIONAL PREVIOUSLY RATE TIONAL EXTRA AMENDMENT PAID FOR FEE FEE ENDER Total Minus **XS 9=** X\$18= OR Independent Minus X43≈ X8g OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +145= 290= OR TOTAL TOTAL OR ADDIT FEE ADDIT, FEE (Column 2) (Column 1) (Column 3) CLAUS (CASS ADDI-0 ADDI-REMAINING NUMBER PRESENT AMENDMENT AFTER RATE TIONAL PREVIOUSLY TIONAL RATE EXTRA MENDMENT PAID FOR FEE FEE Total Minus =8 2X X\$18= OR Independent Minus X43= X86-FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +145= +290-OR TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1). (Column 2) (Column 3) CLAIMS HIGHEST REMAINING ADDI-ADD1 NUMBER PRESENT PREVIOUSLY AFTER RATE TIONAL EXTRA RATE TIONAL AMENDMENT PAID FOR FEE FEE Total Minus . . X\$ 9m X\$18= OR Independent Minus .: X43= X86-FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM OR +145= OR 4290a If the entry in column 1 is less than the entry in column 2, write "0" is tolumn 3. "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." ADDIT. FEE The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. ADOIL FEE

PATENT APPLICATION FEE DETERMINATION RECORD

FORM PTO-678 (Rev. 10/00)

Application or Docket Number

5-28401=

ord Trademark Office, U.S. DEPARTMENT OF COMMERCE